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**CERTIFICATE OF TRANSMISSION PURSUANT TO 37 C.F.R. §1.6(d)**

I hereby certify that this correspondence, along with accompanying documents, pursuant to 37 C.F.R. §1.6(d), are being sent via facsimile to Examiner T. Walberg at (703) 872-9306 on:

Date: 5-31-05 By: Geri Nieb  
Signature of Person Depositing Facsimile

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

**PATENT**

OK to enter  
TSW

Applicants:	He et al.	Docket No.:	15730.0800
Serial No.:	10/648,571	Art Unit:	3742
Filed:	August 26, 2003	Examiner:	Walberg, T.
Title:	METHODS AND APPARATUS FOR A VARIABLE RESISTOR CONFIGURED TO COMPENSATE FOR NON-LINEARITIES IN A HEATING ELEMENT		
Confirmation No.:	4102		

**RESPONSE**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

In response to the Final Office Action dated March 28, 2005, Applicants offer the following response. Applicants note that May 28, 2005, fell on a Saturday, and that Monday, May 30, 2005 was a holiday, accordingly, the period for response is automatically extended to and including Tuesday, May 31, 2005.

Amendments to the Claims and Claim Listing begins on page 3 of this document.

Remarks begin on page 5 of this document.

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